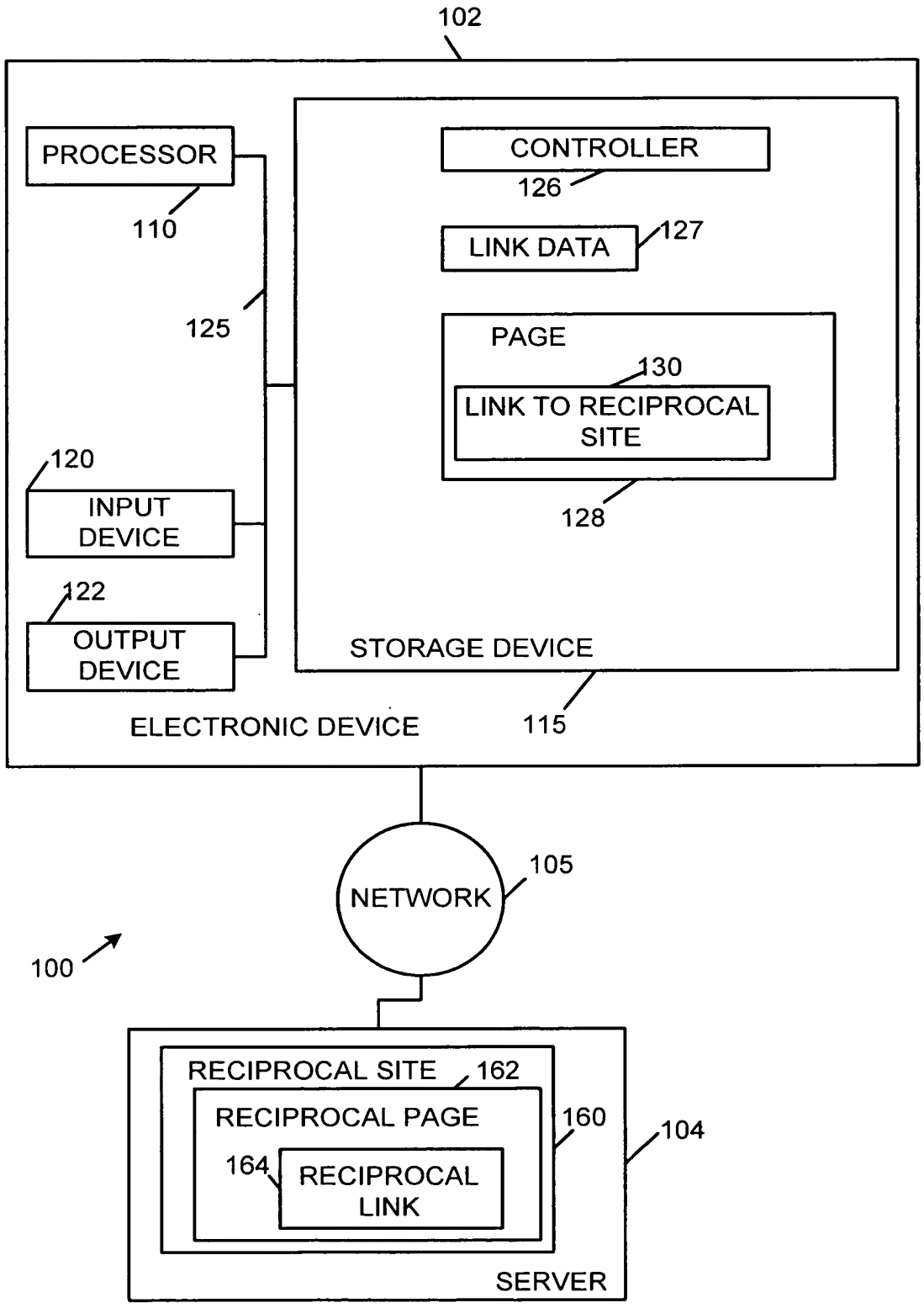
102
PROCESSOR
110
CONTROLLER
126
LINK DATA
127
125
PAGE
130
LINK TO RECIPROCAL SITE
128
120
INPUT DEVICE
122
OUTPUT DEVICE
STORAGE DEVICE
115
ELECTRONIC DEVICE
NETWORK
105
100
RECIPROCAL SITE
162
RECIPROCAL PAGE
160
164
RECIPROCAL LINK
104
SERVER

FIG. 1

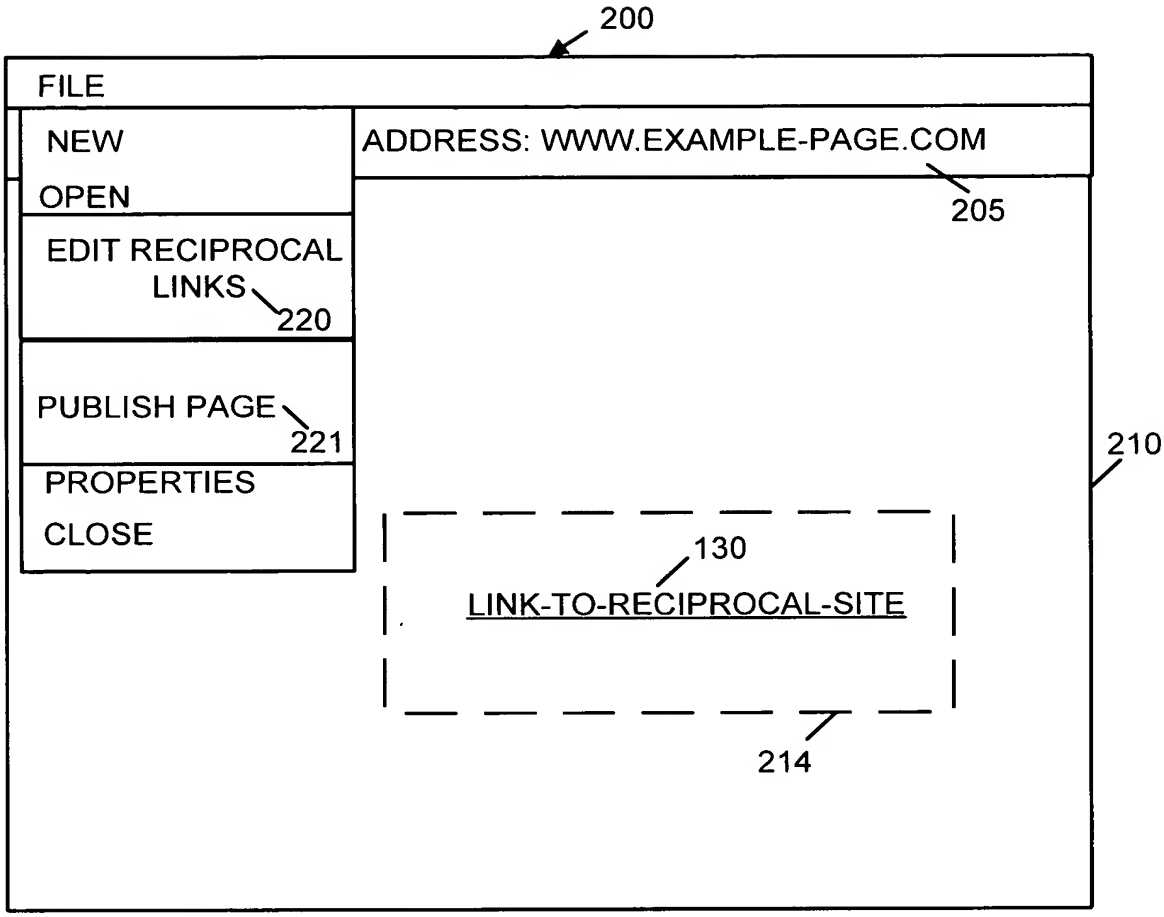
200
FILE
NEW
OPEN
EDIT RECIPROCAL LINKS
220
PUBLISH PAGE
221
PROPERTIES
CLOSE
ADDRESS: WWW.EXAMPLE-PAGE.COM
205
210
130
LINK-TO-RECIPROCAL-SITE
214

FIG. 2A

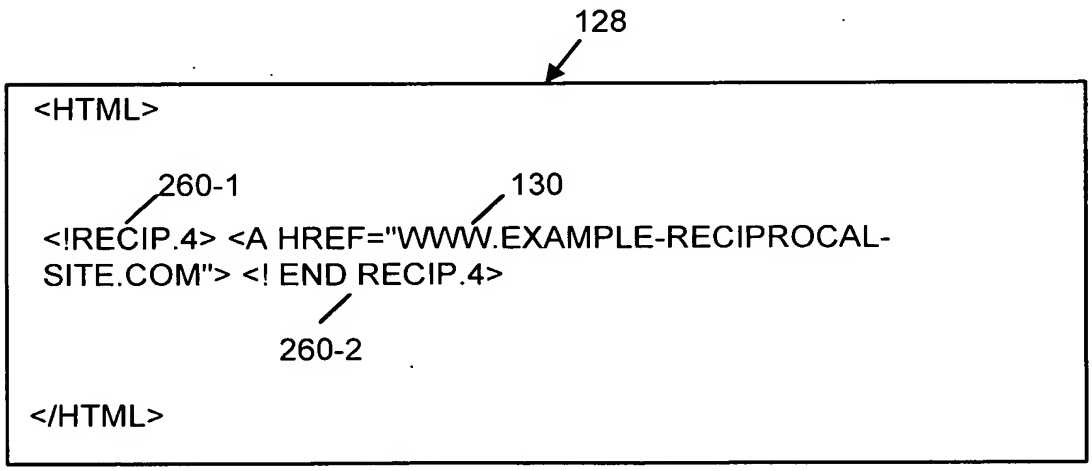
128
<HTML>
260-1
130
<!RECIP.4> <A HREF="WWW.EXAMPLE-RECIPROCAL-SITE.COM"> <! END RECIP.4>
260-2
</HTML>

FIG. 2B

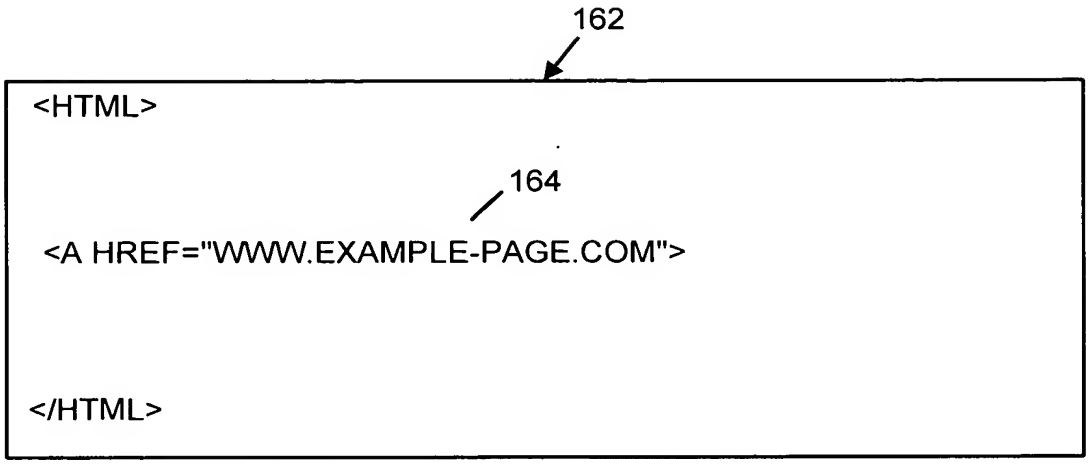

FIG. 2C

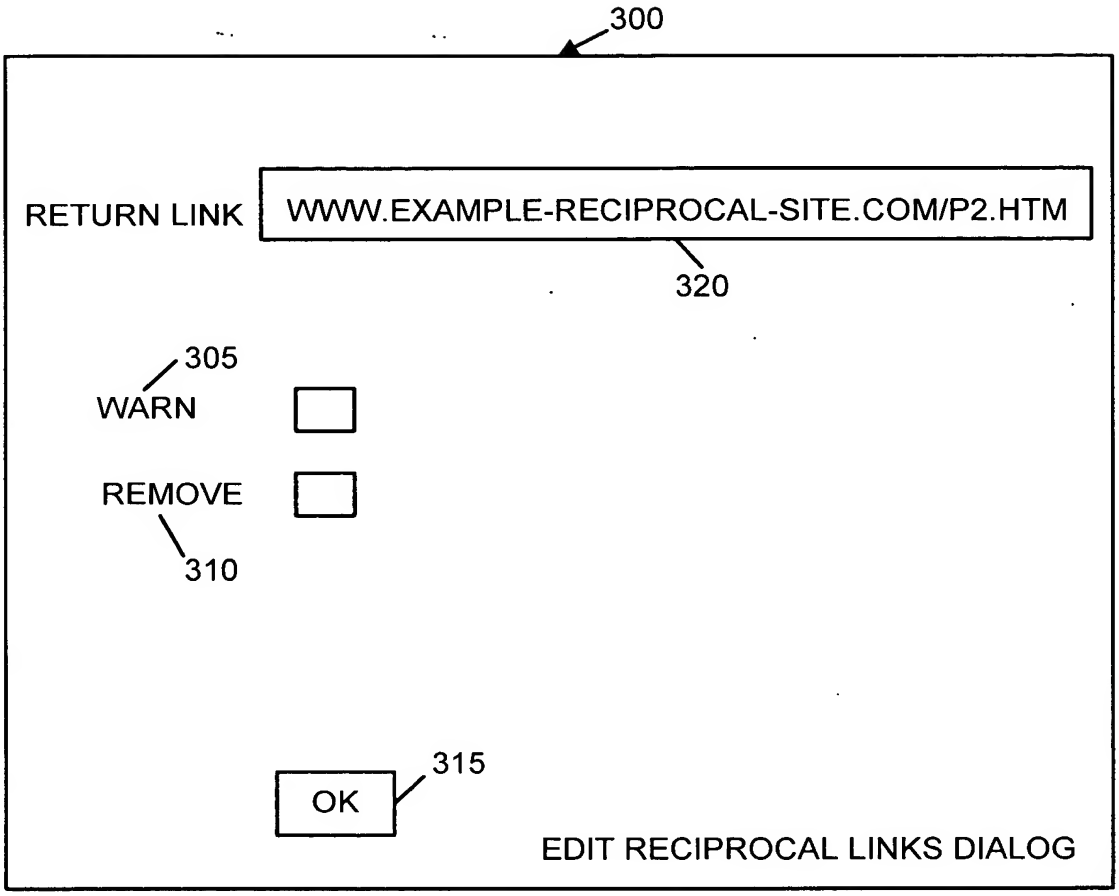
300
RETURN LINK
WWW.EXAMPLE-RECIPROCAL-SITE.COM/P2.HTM
320
305
WARN
REMOVE
310
315
OK
EDIT RECIPROCAL LINKS DIALOG

FIG. 3

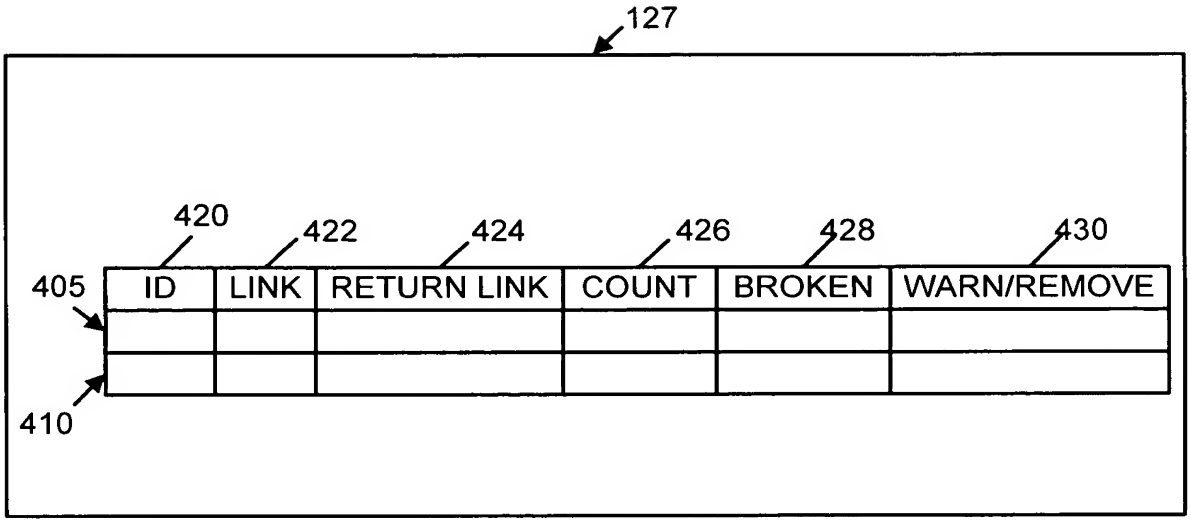
127
420
422
424
426
428
430
405
ID
LINK
RETURN LINK
COUNT
BROKEN
WARN/REMOVE
410

FIG. 4

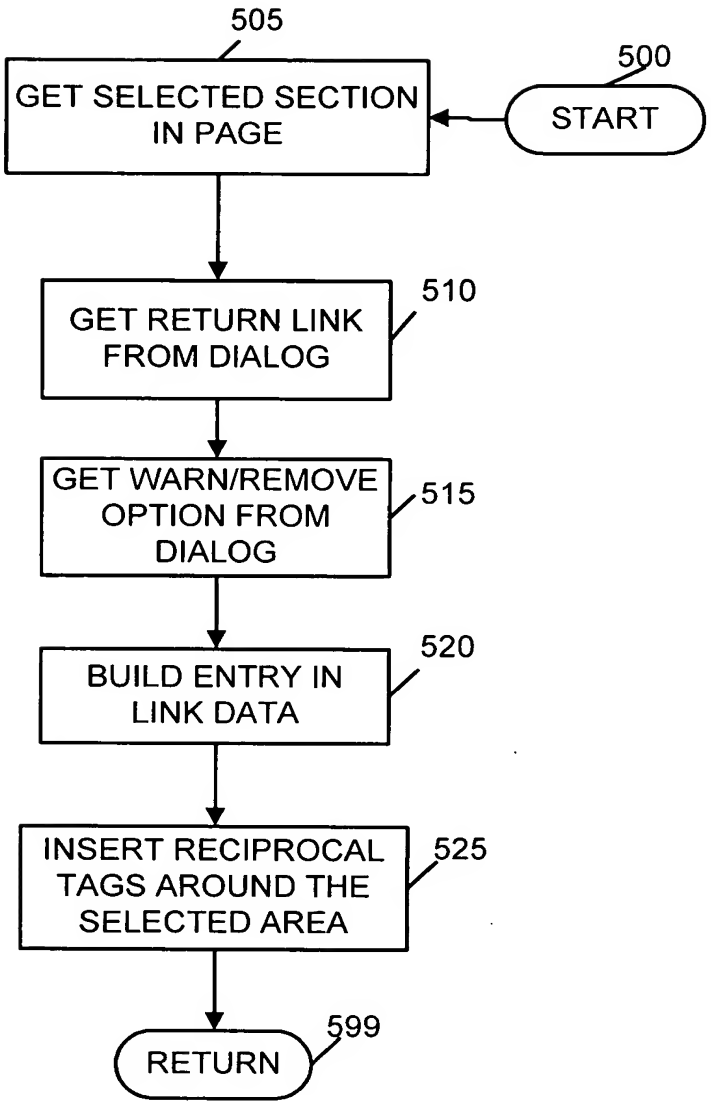
505
GET SELECTED SECTION IN PAGE
500
START
GET RETURN LINK FROM DIALOG
510
GET WARN/REMOVE OPTION FROM DIALOG
515
BUILD ENTRY IN LINK DATA
520
INSERT RECIPROCAL TAGS AROUND THE SELECTED AREA
525
RETURN
599

FIG. 5

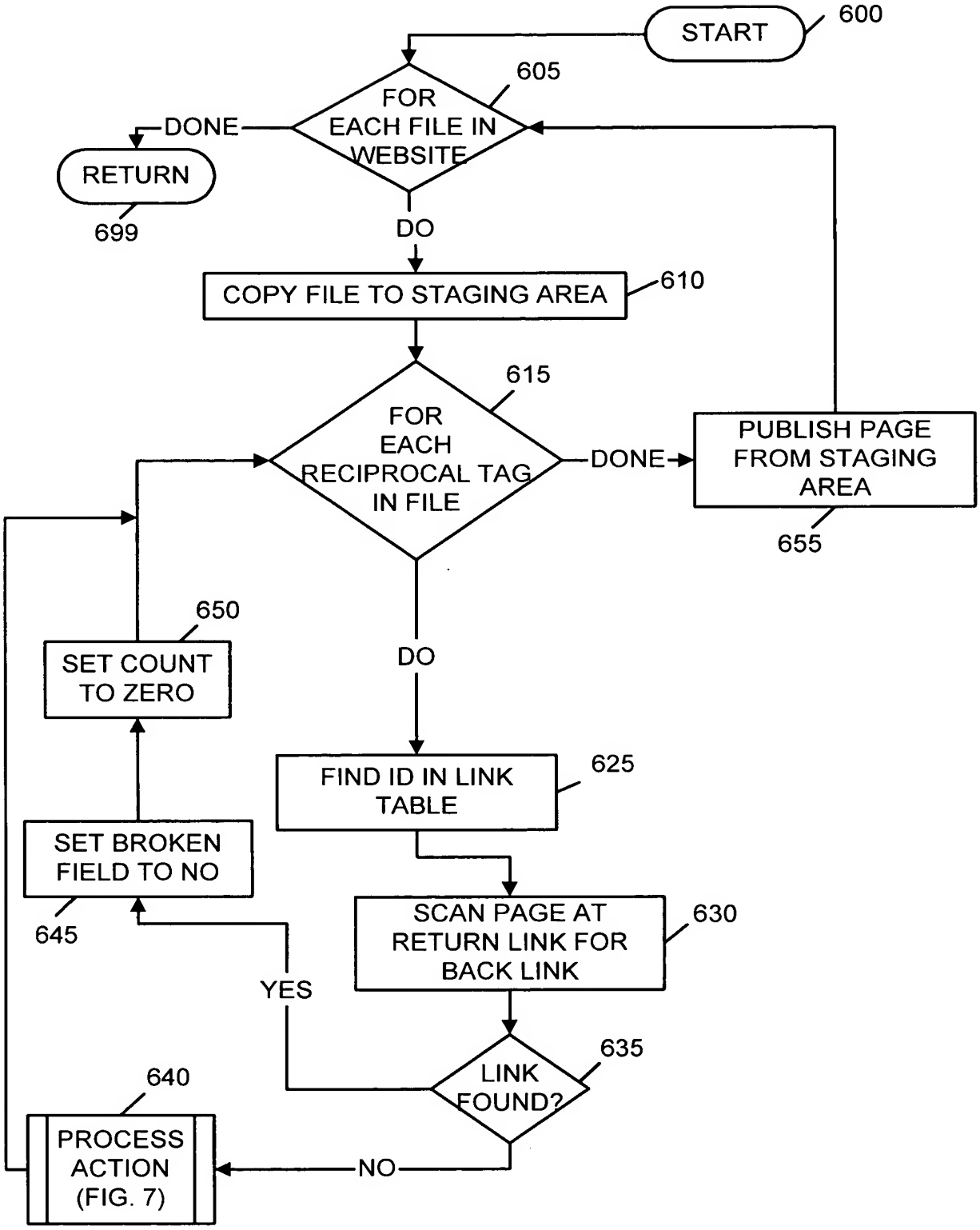
START
600
FOR EACH FILE IN WEBSITE
605
DONE
RETURN
699
DO
COPY FILE TO STAGING AREA
610
FOR EACH RECIPROCAL TAG IN FILE
615
DONE
PUBLISH PAGE FROM STAGING AREA
655
DO
SET COUNT TO ZERO
650
FIND ID IN LINK TABLE
625
SET BROKEN FIELD TO NO
645
SCAN PAGE AT RETURN LINK FOR BACK LINK
630
YES
LINK FOUND?
635
640
PROCESS ACTION (FIG. 7)
NO

FIG. 6

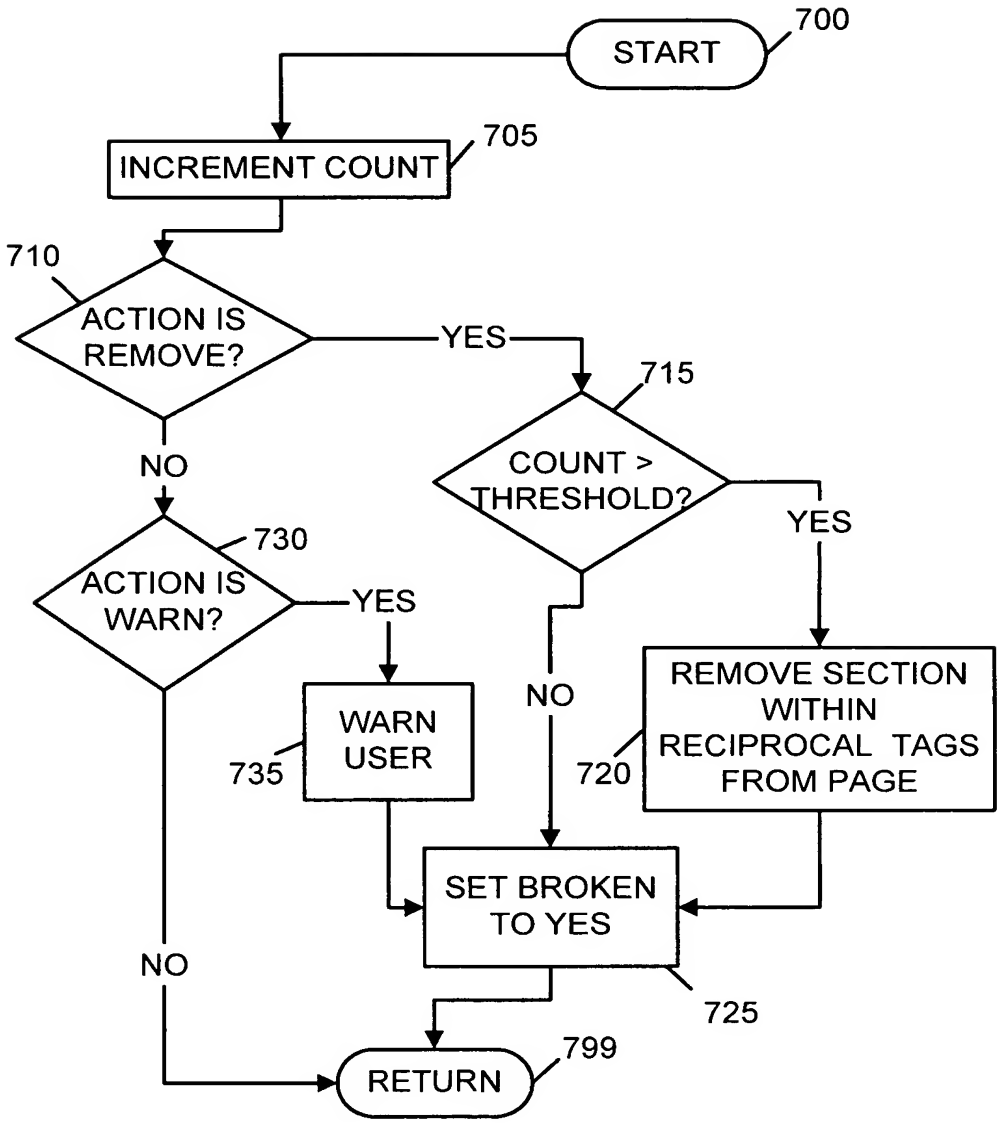
START
700
INCREMENT COUNT
705
710
ACTION IS REMOVE?
YES
715
COUNT > THRESHOLD?
NO
YES
730
ACTION IS WARN?
YES
NO
WARN USER
735
REMOVE SECTION WITHIN RECIPROCAL TAGS FROM PAGE
720
SET BROKEN TO YES
725
NO
RETURN
799

FIG. 7